

COLD WATER - WHY COMPROMISE

professional cold water pressure washers



Nilfisk ALTO

Why Compromise

Wap
KEW

TECHNOLOGIES



Professionalism, technology, reliability

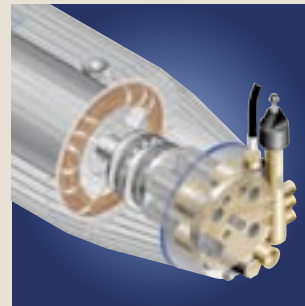
Nilfisk-ALTO presents a generation of professional pressure washers that helps in the fight against dirt and grime. Over many years, Nilfisk-ALTO has developed a long lasting partnership with our customers and users in order to develop efficient solutions and stay ahead of the market. The result is visible in the Nilfisk-ALTO high quality technology.

Cleaning operations should be efficient, effective and economical. Efficient means getting the job done with a minimum of effort and as quickly as possible. Effective means getting the job done properly - every time on every job. Economical means getting efficient and effective cleaning tasks done properly without wasting time or money.

To ensure that all possible customer groups find a solution, Nilfisk-ALTO has developed the broadest offering of products and services available, including a complete range of accessories and detergents.

Nilfisk-ALTO offers a wide range of high performance mobile pressure washers, manufactured with uncompromising quality, proven technology and with reliable operation.

Why compromise



High performance, industrial pump technology
The axial 4-piston, C3 pump system is used in Nilfisk-ALTO POSEIDON 7 & 8. This system is Nilfisk-ALTO's core competence product in pump design. The C3 pump is well-known as the standard for industrial pump design and durability.

Nilfisk-ALTO POWERPACKS
Nilfisk-ALTO has a history of reliable, efficient motor pump units. Today's pressure washers comprise several different pumps. But all have 1450 rpm motors – meaning major reductions in noise level: from compact to premium class.



SilentPower

Quiet Impact

The motor pump innovation of the Nilfisk-ALTO POSEIDON 5 has focused on two aspects. One, is to offer the right level of performance and reliability to solve your cleaning task as quickly as possible. The other is silence. By reducing the noise level more than 50% compared to existing 2-pole motor version, we reduce both the noise level pollution but also the life time of the motor pump unit is extended significantly. The Nilfisk-ALTO pump unit and its 1450 rpm motor will save you time and money making the cleaning user-friendlier.

ErgoSystem

Applied Ergonomics

Work-related fatigue is an increasingly important topic and Nilfisk-ALTO has always focused on optimising ergonomics, in order to reduce user-stress and tiredness. Industrial cleaning work can be demanding and exhausting for the operator. The Ergo 3000 System provides the solution, offering maximum ease of use on spray guns, lances, nozzles and couplings. This unmatched level of comfort will reduce the user's fatigue at the end of the cleaning operation.

Ultimate ergonomics.
Applied Ergonomics

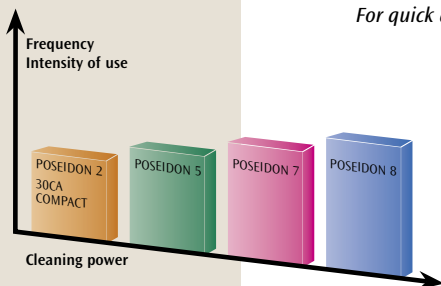
Power, robustness



For quick and reliable cleaning

To improve hygiene in industry

To clean stubborn dirt



Nilfisk-ALTO POSEIDON 7 & 7 FB

- 4 ceramic pistons
- 1450 rpm motor
- Robust frame (stainless steel frame on the FB model)
- Inlet temp 85°C (suction 70°C)



Nilfisk-ALTO POSEIDON 8-128

- 2 pump system
- High water flow ensures heavy rinsing effect
- 2 x 4 stainless ceramic pistons
- Stainless steel frame
- Possibility for two users

Technical data:	POSEIDON 8-128	POSEIDON 7-66 F/FB	POSEIDON 7-66	POSEIDON 7-59
Pump pressure	bar 180 MPa 18	190 19	190 19	170 17
Cleaning Impact	kg/Force 12.8	6.6	6.6	5.9
Water flow - (Q _{MAX-QIEC})	l/h 2560/2360	1280/1180	1280/1180	1200/1120
Water flow - Min.	l/h 2360	1180	1180	1120
Max. inlet temp.	°C 60	85/70	85	85
Suction height	m 1.5	1.5/1.0	1.5	1.5
Power consumed	kW 2 x 8.0	8.0	8.0	7.1
Voltage/phase/frequency/current	400/3/50/2x14.5 230/3/50/2x25 V/~/Hz/A	200/3/50/28 200/3/60/28 220/3/60/25 230/3/50/24 400/3/50/14 440/3/60/12.5 415/3/50/13 575/3/60/9	200/3/50/28 200/3/60/28 220/3/60/25 230/3/50/24 400/3/50/14 440/3/60/12.5 415/3/50/13 575/3/60/9	230/3/50/20 400/3/50/12 415/3/50/11
Sound level - LpA	dB(A) 78	75	75	75
Weight	kg 135	74	74	71
L x W x H	mm 1050 x 720 x 765	1020 x 480 x 940	1020 x 480 x 940	1020 x 480 x 940

Standard equipment:

Ergo 3000 Gun	●	●	●	●
Ergo 3000 Lance	Tornado	Tornado	Tornado	Tornado

● Standard accessories

The accessories, the application, the solutions, the flexibility

(please find further accessories in our main catalogue)

Due to the introduction of the Ergo 3000 System world wide, Nilfisk-ALTO has optimised the cleaning effect of our nozzles. The Ergo 3000 System includes high pressure couplings, spray gun, 3 different lance types and high pressure nozzles.



Universal 3000 Lance
Lightweight and simple high pressure lance with Tornado Plus nozzle.



Tornado 3000 Lance
Robust double pipe lance with Tornado Plus high pressure nozzle. It offers the following features:

- pressure regulation at the lance
- separate low pressure nozzle with optimal rinsing effect, giving the possibility for using detergent at low pressure
- stainless steel piping
- ergonomic grip, which minimises the operator's fatigue



FlexoPower 3000 Lance
A lightweight and simple lance with pressure regulation at the nozzle head. It offers the following features:

- it allows you to clean with detergent and rinsing at low pressure
- stainless steel piping and ergonomic casing offer optimal holding positions
- the lance is available in different lengths.

ErgoSystem
Applied Ergonomics



ss and durability



For efficient cleaning



To clean stubborn dirt



Maintenance with high pressure

Nilfisk-ALTO 30CA COMPACT Nilfisk-ALTO 30CA COMPACT-1

- 3 stainless steel pistons
- Ergonomic design
- Integrated detergent dosing
- Adjustable transport handle



Nilfisk-ALTO 30CA SPECIAL Nilfisk-ALTO 30CA SPECIAL-1

- 3 stainless steel pistons
- Ergonomic design
- Adjustable handle
- Integrated detergent dosing
- Hose reel



Nilfisk-ALTO POSEIDON 2-28 XT

- For tough and frequent use
- Integrated hose reel
- Flow regulation
- Ceramic pistons - brass cylinder head
- Removable integrated detergent tank
- Steel armed hose
- Automatic start/stop



Technical data:		30CA COMPACT/ SPECIAL	30CA COMPACT-1	30CA SPECIAL-1	POSEIDON 2-28 XT	POSEIDON 2-26	POSEIDON 2-24
Pump pressure	bar	160	150	150	160	max. 140	max. 100
	MPa	16	15	15	16	max. 14	max. 10
Cleaning Impact	kg/Force	3.2	2.7	2.7	2.8	2.6	2.4
Water flow - (Q _{MAX} -Q _{IEC})	l/h	690/620	600/540	600/540	600/570	610/540	650/600
Water flow - Min.	l/h	620	540	540	570	540	600
Max. inlet temp.	°C	60	60	60	60	50	50
Suction height	m	1	1	1	1		
Power consumed	kW	3.4	2.8	2.8	3.3	3.2	2.2
Voltage/phase/frequency/ current	V/~/Hz/A	400/3/50/6	230/1/50/13	230/1/50/13	230/1/50/14.5	240/1/50/14	240/1/50/10
Sound level - LpA	dB(A)	83	83	83	-	86.8	86.8
Weight	kg	32/24	24	32	24.5	26	24
L x W x H	mm	390 x 392 x 815	390 x 390 x 815	390 x 392 x 815	394 x 391 x 955	555 x 290 x 275	555 x 290 x 275

Standard equipment:

Ergo 3000 Gun	●	●	●	●	●	●	●
Ergo 3000 Lance	FlexoPower+Turbohammer	FlexoPower	FlexoPower+Turbohammer	FlexoPower+Turbohammer	FlexoPower	FlexoPower	FlexoPower

● Standard accessories

Nilfisk-ALTO POSEIDON 2-26 / 2-24

- Compact design for easy transport
- Protective robust roll bar for use in tough environments
- Ergo 3000 spray equipment for extra user comfort

The accessories, the application, the solutions, the flexibility

(please find further accessories in our main catalogue)

Simple Short Lance & Short Double Lance

These lances allow you to control the water flow and pressure when working close to the dirt.



Armex Softblasting

The Armex Softblasting kit makes it easy to remove paint, such as Graffiti, without damaging the surface. It can also be applied when cleaning smoke damage or other dirt before repainting walls.



Water sandblaster

These accessories make it easy to remove rust, scale and even concrete build-up from surfaces. It can also be used for cleaning or to prepare for painting.



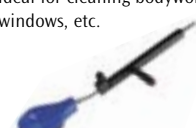
PowerScrub

The PowerScrub is an easy and fast way to clean small or large horizontal or vertical surfaces. Available in 30 cm, 40 cm or 50 cm diameter.



Rotary Brush

The Rotary Brush is driven by the water of your pressure washer, which includes a control for rotation speed and control for pressure and detergent (if an external injector is used). This brush is ideal for cleaning bodywork, windows, etc.



Washing Brush

This brush is ideal for washing trucks, buses and camping trailers. It also includes control for detergent (if an external injector is used).



Performance, ergo



For quick and reliable cleaning



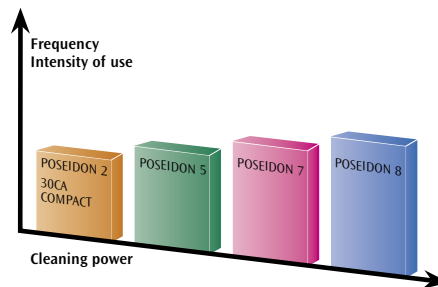
To clean stubborn dirt



To remove insects and traffic film



- Nilfisk-ALTO POSEIDON 5 XT**
- Robust frame
 - Pressure/flow regulation
 - Outstanding ergonomics
 - Silent power - low noise level
 - Full ceramic pistons
 - Hose reel



		POSEIDON 5-63 XT	POSEIDON 5-63	POSEIDON 5-62 XT	POSEIDON 5-62	
Technical data:						
Pump pressure	bar	170	170	220	220	
	MPa	17	17	22	22	
Cleaning Impact	kg/Force	6.3	6.3	6.2	6.2	
Water flow - (Q _{MAX} -Q _{IEC})	l/h	1300/1200	1300/1200	1130/1050	1130/1050	
Water flow - Min.	l/h	250	250	250	250	
Max. inlet temp.	°C	60	60	60	60	
Suction height	m	1.5	1.5	1.5	1.5	
Power consumed	kW	7.8	7.8	7.8	7.8	
Voltage/phase/frequency/ current		V/~/Hz/A	400/3/50/14.1	400/3/50/14.1	400/3/50/14.1	400/3/50/14.1
Sound level - LpA	dB(A)	74	74	73	73	
Weight	kg	89	79	89	79	
L x W x H	mm	920 x 570 x 1015	740 x 570 x 1015	920 x 570 x 1015	740 x 570 x 1015	
Standard equipment:						
Ergo 3000 Gun		●	●	●	●	
Ergo 3000 Lance		Tornado	Tornado	Tornado	Tornado	
Detergent Tank		●	○	●	○	
HP Hose reel		●	○	●	○	

● Standard accessories ○ Supplementary accessories

Quality evolution is the force behind the POSEIDON 5



The generation of Nilfisk-ALTO NP5 motor pump units are specifically developed to suit the professional market. They offer cost effective performance, durability and low noise levels.

- 1450-rpm slow running motor gives more than a 50% reduction in noise level.
- Full ceramic piston sleeves with high resistance to wear and tear
- Brass pump head and reinforced cylinder heads for longer lifetime
- Tapered roller bearings, capable of carrying twice the load of normal bearing systems
- Oil system with easy filling and emptying possibilities. Includes oil sight glass.

SilentPower
Quiet Impact

onomics, durability



To clean stubborn dirt



For efficient cleaning



Maintenance with high pressure

Nilfisk-ALTO POSEIDON 5

- Robust frame
- Pressure/flow regulation
- Outstanding ergonomics
- Silent power - low noise level
- Full ceramic pistons



Technical data:		POSEIDON 5-54 XT	POSEIDON 5-54	POSEIDON 5-43	POSEIDON 5-28 XT	POSEIDON 5-28
Pump pressure	bar	200	200	180	110	110
	MPa	20	20	18	11	11
Cleaning Impact	kg/Force	5.4	5.4	4.3	2.8	2.8
Water flow - (Q _{MAX} -Q _{IEC})	l/h	1030/950	1030/950	860/800	720/660	720/660
Water flow - Min.	l/h	250	250	250	250	250
Max. inlet temp.	°C	60	60	60	60	60
Suction height	m	1.5	1.5	1.5	1.5	1.5
Power consumed	kW	6.3	6.3	5.3	3.0	3.0
Voltage/phase/frequency/ current	V/~/Hz/A	400/3/50/12.3	400/3/50/12.3	400/3/50/9.2	230/1/50/13	230/1/50/13
	dB(A)	73	73	72	66	66
Weight	kg	85	75	70	80	70
L x W x H	mm	920 x 570 x 1015	740 x 570 x 1015	740 x 570 x 1015	920 x 570 x 1015	740 x 570 x 1015
Standard equipment:						
Ergo 3000 Gun		●	●	●	●	●
Ergo 3000 Lance		Tornado	FlexoPower	FlexoPower	FlexoPower	FlexoPower
Detergent Tank		●	○	○	●	○
HP Hose reel		●	○	○	●	○

● Standard accessories ○ Supplementary accessories

Easy and user-friendly use of POSEIDON 5



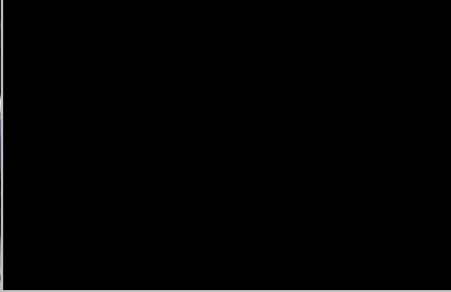
Multiple storage

On the Nilfisk-ALTO POSEIDON 5, the storing of the equipment is done easily, thanks to the robust optional hose reel, that makes the storage of the hose simple, protecting it from damage. There is a storage facility for two lances, and the electric cable can be coiled round the storage hook in no time.

Easy to use

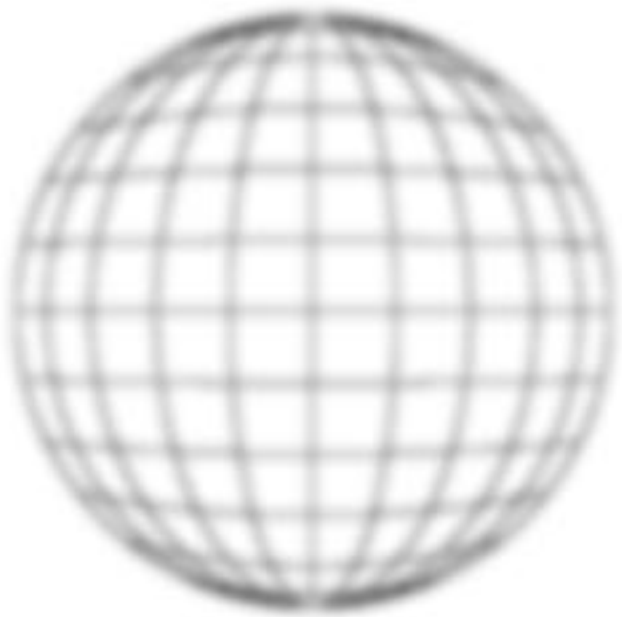
Nilfisk-ALTO has focused on making installation, preparation and use of the Nilfisk-ALTO POSEIDON 5 as easy and quick as possible. All control and installation elements such as on/off switch, detergent regulation, pressure/flow regulation and couplings are situated in one area, making life that little bit more practical and straightforward. No waste of time, just straight on to the cleaning task.





Professional cold water pressure washers

The performance, the cleanliness, the advantages



- Full power: 100 to 220 bar operating pressure
- High performance: water flow rate of 600 to 2560 l/h
- Robust, reliable long-life
- Absolutely economical regarding purchase and maintenance



Nilfisk-ALTO (division of Nilfisk Advance A/S) is the number one professional cleaning equipment company with a turnover of 630 million € and 3800 employees. We are located in all main European countries, US and Asia with our headquarters in Denmark and production facilities in Germany, Denmark, Hungary, Singapore, China, Italy and the US.

We supply quality high pressure washers, vacuum cleaners and floor care equipment to agriculture, automotive and industrial companies, cleaning contractors and private consumers.

Nilfisk-ALTO is a product driven company with focus on innovation and growth. We believe in developing and maintaining long lasting relationships with our customers, suppliers and employees.

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Nilfisk ALTO

Why Compromise